



CofC

Docket No.: 60188-051

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of	:	Customer Number: 20277
Satoshi ISHIKURA, et al.	:	Confirmation Number: 6764
Application No.: 09/837,450	:	
Patent No.: 6,838,736 B2	:	Group Art Unit: 2811
Filed: April 19, 2001	:	Examiner: OWENS, Douglas W.
For: SEMICONDUCTOR DEVICE HAVING NOISE IMMUNITY (As Amended)	:	

**REQUEST FOR CERTIFICATE OF CORRECTION UNDER 37 CFR 1.322**

Mail Stop Box 4  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**Certificate**  
**MAR 07 2005**  
**of Correction**

Sir:

In reviewing the above-identified patent, a printing error was discovered therein requiring correction in order to conform the Official Record in the application.

The error noted is set forth on the two attached copies of form PTO-1050 Rev. 2-93 in the manner required by the Commissioner's Notice.

Specifically, On the Title page of the Letters Patent; Under section "(56) References Cited, U.S. PATENT DOCUMENTS", Please add – 6,455,894 B1 \* 09/24/2002 Matsumoto et al. ....257/347 –. For your immediate reference attached is a photocopy of the Office Action with mail date January 3, 2003, received in our office on January 6, 2003. The reference was cited under *Claim Rejections – 35 USC § 102*, under number 3., however, the Examiner failed to list the cited reference "US 6,455,894 B1" on the attached PTO-892.

**MAR 08 2005**

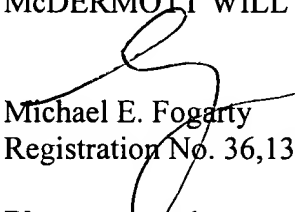
**Patent No.: 6,838,736**

The change requested herein occurred as a result of printing the Letters Patent and the Certificate should be issued without expense under Rule 322 of the Rules of Practice. Accordingly, Applicants request issuance of the Certificate of Correction.

Please charge any shortage in fees due in connection with the filing of this paper to Deposit Account 500417 and please credit any excess fees to such deposit account.

Respectfully submitted,

McDERMOTT WILL & EMERY LLP



Michael E. Fogarty  
Registration No. 36,139

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**Date: March 2, 2005**

**Please recognize our Customer No. 20277  
as our correspondence address.**

MAR 08 2005

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,838,736 B2  
DATED : January 04, 2005  
INVENTOR(S) : Satoshi ISHIKURA, et al.

It is certified that error appears in the above-identified patent and that said Letter Patent is hereby corrected as shown below:

On the Title page of the Letters Patent;

Under section "(56) References Cited, U.S. PATENT DOCUMENTS", Please  
add – 6,455,894 B1 \* 09/24/2002 Matsumoto et al. ....257/347 –

MAILING ADDRESS OF SENDER:  
McDermott Will & Emery LLP  
600 13th Street, NW  
Washington, DC 20005  
USA

PATENT NO.  
6,838,736

No. of add'l copies  
@ 50¢ per page

}

FORM PTO 1050 (Rev. 2-93)

MAR 08 2005



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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/837,450	04/19/2001	Satoshi Ishikura	60188-051	6764

7590 01/03/2003  
MCDERMOTT, WILL & EMERY  
600 13th Street, N.W.  
Washington, DC 20005-3096



EXAMINER

OWENS, DOUGLAS W

ART UNIT PAPER NUMBER

2811

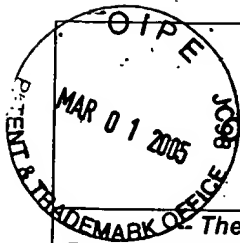
DATE MAILED: 01/03/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

RECEIVED

JAN 6 2005

McDermott, Will & Emery



## Office Action Summary

Application No.

09/837,450

Applicant(s)

ISHIKURA ET AL.

Examiner

Douglas W Owens

Art Unit

2811

The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM  
THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 08 October 2002.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-19 is/are pending in the application.
- 4a) Of the above claim(s) 18 and 19 is/are withdrawn from consideration.
- 5) ☒ Claim(s) 4-23 and 25 is/are allowed.
- 6) ☒ Claim(s) 1-3 and 14 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

### Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

### Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413) Paper No(s) \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

## DETAILED ACTION

### *Election/Restrictions*

1. Newly submitted claims 18 and 19 directed to an invention that is independent or distinct from the invention originally claimed for the following reasons: The invention of claims 18 and 19 is drawn to a method of manufacturing a semiconductor device, with a separate classification from the examined claims, specifically 438/199+.

Since applicant has received an action on the merits for the originally presented invention, this invention has been constructively elected by original presentation for prosecution on the merits. Accordingly, claims 18 and 19 are withdrawn from consideration as being directed to a non-elected invention. See 37 CFR 1.142(b) and MPEP § 821.03.

### *Claim Rejections - 35 USC § 102*

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in-

(1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effect under this subsection of a national application published under section 122(b) only if the international application designating the United States was published under Article 21(2)(a) of such treaty in the English language; or

(2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that a patent shall not be deemed filed in the United States for the purposes of this subsection based on the filing of an international application filed under the treaty defined in section 351(a).

3. Claims 1 –3 and 14 are rejected under 35 U.S.C. 102(e) as being anticipated by US patent No. 6,455,894 to Matsumoto et al.

Matsumoto et al. teaches a semiconductor device (Fig. 9), comprising:



a substrate;  
a source/drain diffused layer (6b, 6a) formed in the substrate for a transistor; and  
a dummy diffused layer (6d, 6c) formed in the substrate;  
wherein the source/drain diffused layer has its surface silicided (10b, 10a), and  
wherein the dummy diffused layer has its surface partially covered with an anti-silicidation film (4c).

Regarding claim 2, Matsumoto et al. teaches a semiconductor device, wherein the anti-silicidation film is an oxide film.

Regarding claim 3, Matsumoto et al. teaches a semiconductor device, wherein a dopant, which has been introduced into the source/drain diffused layer, has not been introduced into the dummy diffused layer.

Regarding claim 14, Matsumoto et al. teaches a semiconductor device, wherein the dummy diffused layer is located between circuit blocks.

***Allowable Subject Matter***

4. Claims 4 – 13 and 15 – 17 are allowed.

***Response to Arguments***

5. Applicant's arguments with respect to claims 1 – 3 and 14 have been considered but are moot in view of the new ground(s) of rejection.

***Conclusion***

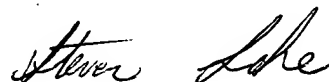
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Douglas W Owens whose telephone number is 703-308-6167. The examiner can normally be reached on Monday-Friday.

Art Unit: 2811

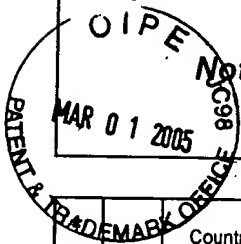
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tom Thomas can be reached on 703-308-2772. The fax phone numbers for the organization where this application or proceeding is assigned are 703-308-7722 for regular communications and 703-308-7722 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-308-0956.

DWO  
December 29, 2002

A handwritten signature in cursive script, appearing to read "Steven L. He".





# Notice of References Cited

Application/Control No.

09/837,450

Applicant(s)/Patent Under  
Reexamination  
ISHIKURA ET AL.

Examiner

Douglas W Owens

Art Unit

2811

Page 1 of 1

## U.S. PATENT DOCUMENTS

		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
X	A	US-5,464,996	11-1995	Hynecek	257/230
X	B	US-5,479,045	12-1995	Narahara et al.	257/533
X	C	US-5,729,040	03-1998	Sano	257/504
X	D	US-5,867,434	02-1999	oh et al.	365/200
X	E	US-6,103,592	08-2000	Levy et al.	438/424
X	F	US-6,285,177	09-2001	Mallikarjunaswamy et al.	323/315
X	G	US-6,366,322	04-2002	Lee et al.	348/314
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

## FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

## NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

\*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)  
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.